

## **COCKCROACH BAIT JELLY**

### **BACKGROUND OF THE INVENTION**

(1) *Field of the Invention:* This invention relates to insecticides, particularly a bait jelly suitable for syringe injection into crevices for cockroaches to consume the insecticide.

(2) *Brief Description of Related Art:* Cockroaches are fond of hiding in crevices. Cockroaches' killers found in the market such as cockroach traps can selectively kill the male cockroaches roaming about for food, but not the female cockroaches and nymphs which tend to hide and feed in the crevices without coming out. Even using spraying type insecticides, the effective dosage of insecticides which would reach to the bottom of the crevices is limited, and the result is unsatisfactory. This traditional method again kills mostly the male cockroaches, but the females and nymphs remain alive, hence ineffective. To be effective, the female and the nymphs must be eradicated in a way to inject jelly bait into the crevice where the female and the nymphs are hiding out. The application of the syringe injection has been the focus of recent development technique. Such techniques aim at killing cockroaches during their different stages of life cycles.

One technique was disclosed by U.S. Patent No. 6,007,832. The technique uses a sticky jelly for carrying the poison to kill the cockroaches. However, the disclosed jelly solidifies with time, until then, the poison takes no longer effect to kill the cockroaches.

### **SUMMARY OF THE INVENTION**

An object of the invention is to provide an insecticide for killing the cockroaches hiding in crevices. Another object is to provide a poison for injecting into the crevices where cockroaches hide. Still another object of this invention is to provide a sticky jelly for holding the poison for longer periods of time to avoid drying out.

These objects are achieved by providing the bait for cockroaches. The bait is in the form of jelly which can be injected into the crevices where the cockroaches hide out. The bait is composed of: a jelly, the food-based bait, group II metal composite with two valence metal ions, insecticide and water. The jelly has a composition which does not become hardened with time and hence longer lasting.